Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/685,876      | DOYLE ET AL. |
| Examiner        | Art Unit     |

| √ | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Susan B. McCormick-Ewoldt

| A | Appeal   |
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| o | Objected |

1654

| Cla      | aim      |                 |          |              |  |          |          |                    |          |          | Claim Date    |       |          |  |                        |     | Cla                                       | aim  | Date       |          |           |          |          |           |               |           |          |
|----------|----------|-----------------|----------|--------------|--|----------|----------|--------------------|----------|----------|---------------|-------|----------|--|------------------------|-----|---|------|------------|----------|-----------|----------|----------|-----------|---------------|-----------|----------|
| _        | <u></u>  | .04             |          | ļ            | ı  |          | -        |                    |          |          |               | _     | a        |  |                        |     |   | _    | <u>_</u>   | Ì        |           |          |          |           | 1             | 1         |          |
| Final    | Original | 7               |          |              |  |          | 1        |                    |          |          |               | Final | Original |  |                        |     |   | Fina | Original   |          |           |          |          |           |               |           |          |
| "        | ŏ        | 8-12            |          |              |  |          |          |                    |          |          | i in          | ш [   | ŏ        |  |                        |     |   | "    | ဝ်         |          |           |          |          |           | - 1           |           |          |
| 1        | 1        | =               | +        | $\dashv$     | $\dashv$   | +        | $\dashv$ | <b>-</b>           | +        | $\dashv$ |               |       | 51       |  | +++                    |     |   |      | 101        | +        | -         |          | -        | $\dashv$  | $\dashv$      | $\dashv$  | $\dashv$ |
| <u> </u> | 2        |                 | +        | 十            | _  |          | $\dashv$ | _                  | _        | 7        |               |       | 52       |  | 1 1 - 1 -              |     |   |      | 102        | $\vdash$ | $\dagger$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | 7         | $\neg$   |
|          | 3        |                 |          |              |  |          |          |                    |          |          |               |       | 53       |  |                        |     |   |      | 103        |          |           |          |          |           |               |           | _        |
|          | 4        |                 |          |              |  |          | $\Box$   |                    |          |          |               |       | 54       |  |                        |     |   |      | 104        |          |           |          |          |           |               |           |          |
|          | 5        |                 |          |              | 4  | _        | _        | $\perp$            |          | _        |               |       | 55       |  |                        | _   |   |      | 105        |          |           |          | ]        |           | _             |           | _        |
|          | 6        |                 |          | _            |  | _        |          | _                  |          | _        | 4             |       | 56       |  | $\bot$                 |     |   |      | 106        | $\perp$  |           |          | _        | $\dashv$  | 4             | 4         | 4        |
| -        | 7        | $\vdash$        | -        | 4            | $\dashv$   | -        | 4        | +                  |          | -        |               |       | 57<br>58 |  |                        | -#  |   |      | 107<br>108 |          | $\vdash$  | $\vdash$ | 4        | $\dashv$  | $\dashv$      |           | -        |
|          | 8        | $\vdash$        | +        | +            | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$           | +        | $\dashv$ |               |       | 59       |  | + + +                  | -   |   |      | 109        | +        | $\vdash$  |          |          | -         | $\dashv$      |           | $\dashv$ |
|          | 10       |                 |          | +            | $\dashv$   | -        | $\dashv$ | $\dashv$           | +        | -        |               |       | 60       | <del>-                                      </del> |                        |     |   |      | 110        | +        | ╁         | -        | -        | $\dashv$  | $\dashv$      | $\dashv$  | $\dashv$ |
|          | 11       | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$   | $\dashv$ | 十        | 十                  | $\dashv$ | $\dashv$ |               |       | 61       |  |                        | - 4 |   |      | 111        |          | $\vdash$  |          |          | $\dashv$  | $\dashv$      | +         | 一        |
|          | 12       |                 | 一        | $\dashv$     | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$ |          |               |       | 62       |  | 1                      | 1   |   |      | 112        | _        | $\sqcap$  | $\Box$   | 1        | $\dashv$  | 1             | 1         | $\dashv$ |
|          | 13       |                 | $\neg$   |              |  | $\dashv$ | $\neg$   | $\neg$             |          |          |               |       | 63       |  |                        |     |   |      | 113        | $\dashv$ | T         |          |          | ı         | 1             | $\dashv$  | $\dashv$ |
|          | 14       |                 |          |              |  |          |          |                    |          |          | \$1           |       | 64       |  |                        |     |   |      | 114        |          |           |          | ╝        |           |               |           |          |
|          | 15       |                 | _        |              | $\perp \!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $ |          |          |                    | _        |          | 78            |       | 65       |  |                        |     |   |      | 115        |          |           |          |          |           |               |           |          |
|          | 16       | Ш               | _        | _            | $\dashv$   | _        | _        | _                  | _        |          |               |       | 66       |  |                        | _   |   |      | 116        |          |           |          |          | _         | $\dashv$      | _         | 4        |
|          | 17       | Ш               | _        | 4            | _  | _        | _        | -                  | 4        | _        |               |       | 67       |  | +++                    |     |   |      | 117        |          | $\perp$   |          | _        | _         | $\rightarrow$ | _         | 4        |
|          | 18<br>19 | -               | $\dashv$ | +            | -+   |          | -        | $\dashv$           | -        | _        | ij,           |       | 68<br>69 |  | +++                    |     | 1   |      | 118        |          | -         |          |          | $\dashv$  |               | _         | $\dashv$ |
| -        | 20       | $\vdash$        | $\dashv$ | +            |  |          | -        |                    | -        |          |               |       | 70       |  |                        | _   |   |      | 119<br>120 |          | $\vdash$  |          | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | 긤        |
|          | 21       | $\vdash$        | -        | +            | -+   |          |          | -+                 | -+       |          |               |       | 71       | <del></del>  | +++                    | - 3 |   |      | 121        | +        | H         | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | $\dashv$ |
|          | 22       | $\vdash$        | $\dashv$ | +            | $\dashv$   | -        | 十        | -+                 | 十        | -        | Q.            |       | 72       |  | +++                    | - 3 | ł   |      | 122        | _        | +         | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | ᅱ        |
| $\vdash$ | 23       | $\vdash$        | 十        | $\forall$    | $\dashv$   | $\dashv$ | $\dashv$ |                    | $\dashv$ | -        |               |       | 73       |  |                        | -1  | H   |      | 123        | +        | $\vdash$  | $\vdash$ | 一        | _         | -             | -         | ㅓ        |
| <u> </u> | 24       |                 | _        | $\forall$    | 7  | -        | _        |                    | $\dashv$ |          |               |       | 74       |  | 111                    | - 4 |   |      | 124        | 1        | $\vdash$  |          |          | $\neg$    | $\dashv$      | _         | ヿ        |
|          | 25       | $\Box$          | 一        | 1            | 寸  | 7        | _        |                    | $\neg$   |          | 4             |       | 75       |  |                        |     |   |      | 125        |          |           |          |          | $\neg$    |               |           | $\neg$   |
|          | 26       |                 |          |              |  |          |          |                    |          |          |               |       | 76       |  |                        |     |   |      | 126        | 1        |           |          |          |           |               |           |          |
|          | 27       |                 |          |              |  |          |          |                    |          |          |               |       | 77       |  |                        |     |   |      | 127        |          |           |          |          |           |               |           |          |
|          | 28       |                 | $\perp$  |              | $\perp$  | _        |          |                    | _        | _        |               |       | 78       |  |                        | -   |   |      | 128        |          |           |          |          |           |               |           |          |
|          | 29       | Ш               | $\dashv$ | _            | $\dashv$   | _        | _        | _                  | $\perp$  | _        | 1             |       | 79       |  | $\bot \bot \downarrow$ |     | 1   |      | 129        |          |           |          | _        | _         | _             | _         | _        |
| <u> </u> | 30       |                 | 4        | 4            | 4  | 4        | 4        | _                  | 4        | _        | 14            |       | 80       |  |                        | - 3 |   |      | 130        |          | <b> </b>  |          |          | _         | _             | _         | _        |
|          | 31       |                 | -        | 4            | $\dashv$   | $\dashv$ | -        |                    | $\dashv$ | _        | 4             |       | 81       | +  |                        |     | 10  |      | 131        |          |           |          |          | $\dashv$  | $\dashv$      | $\dashv$  |          |
|          | 33       | $\vdash$        | +        | +            | $\dashv$   | $\dashv$ | $\dashv$ | -+                 |          |          |               |       | 82<br>83 |  |                        | - 8 | 9   |      | 132<br>133 |          | ╁         | $\vdash$ | -        | -         | $\dashv$      | -         | $\dashv$ |
|          | 34       |                 | +        | $\dashv$     | $\dashv$   | $\dashv$ | $\dashv$ |                    | $\dashv$ | -        |               |       | 84       |  | +++                    | -   | 9   |      | 134        | +        | +         | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | $\dashv$ |
|          | 35       |                 | -        | -            | -  |          | -        | _                  | 十        |          |               |       | 85       | <del>                                     </del>   | +++                    | ٦.  | :::<br>:::::::::::::::::::::::::::::::::: |      | 135        | -        | +-        |          | $\dashv$ | 寸         | 寸             | 7         | ᅱ        |
|          | 36       | $\Box$          | $\dashv$ | $\dashv$     | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$           | $\top$   |          |               |       | 86       | <del></del>  | + + +                  | 7   |   |      | 136        | $\top$   |           | $\vdash$ | $\dashv$ |           | $\dashv$      |           | $\dashv$ |
|          | 37       | П               | $\dashv$ | 7            | $\dashv$   | $\dashv$ | 寸        | $\neg \dagger$     | _        |          | 1 (#<br>2 (#) | -     | 87       |  | 111                    |     |   |      | 137        |          |           | П        | $\dashv$ | $\neg$    | $\dashv$      | $\dashv$  | ヿ        |
|          | 38       |                 |          |              |  |          |          |                    | 丁        |          | 100           |       | 88       |  |                        |     |   |      | 138        |          |           |          |          |           |               |           |          |
|          | 39       |                 |          | $\Box$       |  | J        |          | J                  |          |          |               |       | 89       |  |                        |     |   |      | 139        |          |           |          |          |           |               | J         |          |
|          | 40       | $\Box$          | $\Box$   | $\Box$       |  |          | Ţ        |                    |          |          | 1             |       | 90       |  |                        |     | 7   |      | 140        |          |           |          | $\Box$   |           | I             | $\square$ |          |
| L        | 41       | $\sqcup$        |          | _            | _  | $\dashv$ |          | $\perp \downarrow$ | _        |          |               |       | 91       | $\bot$   |                        | _   |   |      | 141        | _        | $\perp$   | Ш        | $\Box$   | $\Box$    | $\perp$       | $\dashv$  | _        |
|          | 42       | $\sqcup$        | $\dashv$ | $\downarrow$ | $\dashv$   | $\dashv$ | _        | $\dashv$           | _        | _        |               |       | 92       | $\rightarrow$                                      | + + +                  | -   |   |      | 142        | _ _      | _         | $\sqcup$ | _        | _         | _             | _         | $\dashv$ |
| <u> </u> | 43       | $\mid - \mid$   | $\dashv$ | $\dashv$     | $\dashv$   | $\dashv$ | -        | $\dashv$           | 4        | _        |               |       | 93       | ++++   |                        | -   | 4   |      | 143        |          | -         | $\vdash$ | _        |           | $\dashv$      | _         | 4        |
|          | 44<br>45 |                 |          | -            | -  | $\dashv$ |          |                    | $\dashv$ | -        |               |       | 94<br>95 | <del></del>  |                        | -   | Ä   |      | 144<br>145 | -        | $\vdash$  | $\vdash$ | $\dashv$ | -         | $\dashv$      | $\dashv$  | $\dashv$ |
| <u> </u> | 46       | $\vdash \vdash$ | $\dashv$ | +            | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$ | -        |               |       | 96       | ++++   |                        | -   |   |      | 146        | +        | +-        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | ᅱ        |
| _        | 47       |                 | -        | -            | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$           | +        | $\dashv$ |               |       | 97       | ++++   | +                      | -   |   |      | 147        | +        | $\vdash$  | $\vdash$ |          |           |               | $\dashv$  | $\dashv$ |
| <u> </u> | 48       | H               | $\dashv$ | $\dashv$     | $\dashv$   | -+       | $\dashv$ | $\dashv$           | $\dashv$ | $\dashv$ |               |       | 98       | <del></del>  | +++                    |     |   |      | 148        | $\dashv$ | +         | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$  | $\dashv$ |
|          | 49       | $\vdash$        | 十        | $\dashv$     | $\dashv$   | $\dashv$ | $\dashv$ | 1                  | $\dashv$ |          |               |       | 99       |  | +++                    | -9  |   |      | 149        | -+       | $\vdash$  |          | $\dashv$ | +         | $\dashv$      | $\dashv$  | $\dashv$ |
|          | 50       |                 |          | _            |  |          |          |                    | 丁        |          |               |       | 100      |  |                        |     |   |      | 150        |          | $\Box$    |          | $\dashv$ | $\exists$ | $\dashv$      | $\dashv$  | $\neg$   |